

DEPARTMENT OF GENETICS  
FACULTY OF MEDICINE, OSAKA UNIVERSITY

Joancho 33, Kitaku, Osaka, Japan.

Sept. 16, 1961

Dr. I. Ørskov  
International Salmonella Centre,  
Statens Serum Institute,  
Copenhagen.

Dear Dr. Ørskov

I am currently working on genetic repression of mating activity of male bacteria of K-12 by a factor so called drug resistance factor.

The mating capacity is suppressed if the factor is introduced into a male bacteria. I would like to test possibilities whether the repression is caused by change of surface substance of the male bacteria or result of the other changes of male activity such as inability to form mating bridge.

Since your anti-F serum shows very specific on male substance, the agent seems very valuable and effective for the experiment.

I am grateful if you ~~you~~ could send me some of your anti-F serum, and if you could tell me the critical condition to make slide agglutination test. Is it same as usual slide agglutination test?

I have sent some reprints of my work to you by separate cover.

Sincerely yours,

*Yukinori Hirota*  
Yukinori Hirota